

CLAIMS

What I Claim Is:

1. A lower bearing assembly adapted for installation on the hydraulically
5 actuated landing gear system of an aircraft, said lower bearing assembly comprising:

a split bearing including first and second arcuate components adapted for mating
engagement to form a generally cylindrical bearing;

a generally annular retaining flange adapted to retain said first and second
arcuate components.

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2. A lower bearing assembly according to claim 1, wherein each of said first
and second arcuate components each define an inner semi-cylindrical surface having a
coating of self-lubricating material.

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3. A lower bearing assembly according to claim 2, wherein said self-
lubricating material comprises a polyester resin base including polytetrafluorethylene.

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4. A lower bearing assembly adapted for installation on the hydraulically
actuated landing gear system of an aircraft, said lower bearing assembly comprising:

a split bearing including first and second arcuate sleeve components adapted for
mating engagement to form a generally cylindrical bearing sleeve, each of said arcuate
components including a semi-cylindrical inner surface and a bottom portion;

each bottom portion including a radially outwardly projecting boss;

a generally annular retaining flange defining an annular groove adapted to retain said first and second arcuate components by receiving the bottom portions thereof such that said projecting boss each of said first and second arcuate components is received in mating engagement with said annular groove.

5. A lower bearing assembly according to claim 4, wherein the inner semi-cylindrical surfaces of each of said first and second arcuate sleeve components includes a coating of material having a low coefficient of friction.

6. A lower bearing assembly according to claim 5, wherein said material having a low coefficient of friction includes a polyester resin base and polytetrafluorethylene.